

IN THE CLAIMS

Please cancel claims 1-26, all of the claims in the subject U.S. patent application, as filed, as constituted by the verified translation of PCT/EP2005/050138.

Please add new claims 27-52 as follows.

Claims 1-26 (Cancelled)

27. (New) A method for threading a material web in a web processing machine including:

providing a web receiving area in said web processing machine;

providing a web delivery area in said web processing machine;

providing a web threading path extending between said web receiving area and said web delivery area;

providing a web threading means adapted for receiving said material web and being conveyable between said web receiving area and said web delivery area;

providing a first web threading means drive motor at said web receiving area and a second web threading means drive motor at said web delivery area;

regulating one of said first and second motors at a predetermined web threading speed; and

regulating the other of said first and second motors at a predetermined motor torque.

28. (New) The method of claim 27 further including regulating said one of said first

and second motors with regard to its motor speed.

29. (New) The method of claim 27 further including providing a frequency converter and using said frequency converter for regulating said one of said first and second motors.

30. (New) The method of claim 27 further including providing first and second reel bodies about which said threading means is alternately wound and unwound and using each of said first and second motors for driving respective ones of said first and second reel bodies.

31. (New) The method of claim 30 further including regulating at least one of said first and second motors depending on a current diameter of at least one of said first and second reel bodies.

32. (New) The method of claim 31 further including providing a control device and using said control device for determining a target value of a frequency load to said at least one motor depending on said reel body current diameter.

33. (New) The method of claim 31 further including determining said current reel body diameter depending on a number of layers of said threading means wound on said reel body and a thickness of said threading means and further depending on an initial diameter of said reel body.

34. (New) The method of claim 33 further including providing a rotation sensor on one of said reel body and its drive, calculating a number of rotations of said reel body and using said number of rotations for determining said number of layers of said threading means wound on said reel body.
35. (New) The method of claim 34 further including determining said number of rotations of said reel body in said receiving area.
36. (New) The method of claim 34 further including determining said number of rotations of said reel body in said delivery area.
37. (New) The method of claim 27 further including regulating said first web threading means drive motor in said receiving area at said predetermined motor torque and regulating said second web threading means drive motor at said delivery area at said predetermined web threading speed during a web threading operation.
38. (New) The method of claim 27 further including regulating said first web threading means drive motor in said delivery area at said predetermined motor torque and regulating said second web threading means drive motor at said receiving area at said predetermined web threading speed during a web threading operation.
39. (New) The method of claim 27 further including providing a rotary drive for at least one mechanically independent assembly of said web processing machine and

controlling said one of said first and second motors and said assembly motor correlated with each other with respect to speed.

40. (New) The method of claim 27 further including a material web reel changer in said web processing machine having a reel changer drive and controlling said one of said first and second motors and said reel changer drive correlated with each other with respect to their speed by using a machine control.

41. (New) The method of claim 27 further including providing said web processing machine as a printing unit having a printing unit drive and further including controlling said one of said first and second motors and said printing unit drive correlated with each other with respect to speed by using a machine control.

42. (New) The method of claim 27 further including providing a control device including a servo control and using said servo control for driving the other of said first and second motors at said predetermined motor torque.

43. (New) A device for threading a web of material into a web processing machine comprising:

a web threading device adapted to receive a web to be threaded;

a web threading path along which said web threading device is adapted to travel, said web threading path extending between a web receiving area and a web delivery area;

a first motor in said web receiving area and a second motor in said delivery area;

means for regulating one of said first and second motors with respect to speed; and

means for regulating the other of said first and second motors with respect to torque.

44. (New) The device of claim 43 further including a control device usable to produce a frequency signal based on a predetermined threading speed, and a signal connection between said one of said first and second motors and said control device.

45. (New) The device of claim 44 further including a machine control adapted to provide said control device with a target value for said predetermined threading speed.

46. (New) The device of claim 45 further including a mechanically independently driven assembly in said web processing machine, said machine control being in signal connection with said assembly to transmit speed relevant signals.

47. (New) The device of claim 43 further including at least one mechanically independent assembly in said web processing machine and a machine control usable to provide speed relevant signals to said one of said first and second motors and to said at least one mechanically independent assembly.

48. (New) The device of claim 47 further including a virtual rotational axis for said machine control, and being usable to transmit said speed relevant signals.

49. (New) The device of claim 43 further including a first reel body in said receiving area and a second reel body in said delivery area, each of said first and second motors being adapted to drive a respective one of said first and second reel bodies.

50. (New) The device of claim 49 further including a rotation sensor on one of said first and second reel bodies.

51. (New) The device of claim 44 wherein said control device includes a calculating means usable to provide a frequency signal for said motor based on a predetermined threading speed and a number of rotations.

52. (New) The device of claim 43 further including a control device usable to regulate said other of said first and second motors with respect to torque.